

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. IMRAA.013DV1	APPLICATION NO. Pending
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT MIN JIANG, ET AL.	
		FILING DATE Herewith	GROUP Unknown 2881

10841 U.S. PTO
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 12/15/00

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
J3		4,435,809	03/06/84	TSANG, ET AL.			
		4,633,475	12/30/86	HARTER, ET AL.			
		4,846,561	07/11/89	SOILEAU, JR., ET AL.			
		4,860,296	08/22/89	CHEMLA, ET AL.			
		5,237,577	08/17/93	KELLER, ET AL.			
		5,436,925	07/25/95	LIN, ET AL.			
		5,627,854	05/06/97	KNOX			
		5,701,327	12/23/97	CUNNINGHAM, ET AL.			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
J3	1.	Hordvik, "Pulse Stretching Utilizing Two-Photon-Induced Light Absorption", <u>IEEE Journal of Quantum Electronics</u> , Vol. QE-6, No. 4 April 1970, pgs. 199-203.
J3	2.	Haus, "Parameter Ranges for CW Passive Mode Locking", <u>IEEE Journal of Quantum Electronics</u> , Vol. QE-12, No. 3, March 1976, pgs. 169-176.
J3	3.	Arsen'ev, et al., "Nanosecond and microsecond pulse generation in solid-state lasers (review)", <u>Sov. J. Quantum Electron</u> , 7(11), November 1977, pgs. 1321-1332.
J3	4.	Smith, et al., "Mode locking of semiconductor diode lasers using saturable excitonic nonlinearities", <u>J. Opt. Soc. Am. B</u> , Vol. 2, No. 7, July 1985, pgs. 1228-1236.
J3	5.	Van Stryland, et al., "Two photon absorption, nonlinear refraction, and optical limiting in semiconductors", <u>Optical Engineering</u> , Vol. 24, No. 4, July/August 1985, pgs. 613-623.
J3	6.	Van Stryland, et al., "Energy band-gap dependence of two-photon absorption", <u>Optical Society of America</u> , Vol. 10, No. 10, October 1985, pgs. 490-492.
J3	7.	Van Stryland, et al., "Optical limiting with semiconductors", <u>J. Opt. Soc. Am. B</u> , Vol. 5, No. 9, September 1988, pgs., 1980-1989.
J3	8.	Islam, et al., "Color Center Lasers Passively Mode Locked by Quantum Wells", <u>IEEE Journal of Quantum Electronics</u> , Vol. 25, No. 12, December 1989, pgs. 2454-2462.
J3	9.	Ippen, et al., "Self-starting condition for additive-pulse mode-locked lasers", <u>Optics Letters</u> , Vol. 15, No. 3, February 1, 1990, pgs. 183, 185.
J3	10.	Socolich, et al., "Bulk semiconductor saturable absorber for a NaCl color center laser", <u>Appl. Phys. Lett.</u> , 56 (22), 28 May 1990, pgs. 2177-2179.
J3	11.	Corno, et al., "Active-passive mode-locked Nd:YAG laser with passive negative feedback", <u>Optics Letters</u> , Vol. 15, No. 13, July 1, 1990, pgs. 734-736.
J3	12.	Keller, et al., "Solid-state low-loss intracavity saturable absorber for Nd:YLF lasers: an antiresonant semiconductor Fabry-Perot saturable absorber", <u>Optics Letters</u> , Vol. 17, No. 7, April 1, 1992, pgs. 505-507.

EXAMINER JEFFREY ZAHW	DATE CONSIDERED 5/17/01
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
13.	Agnesi, et al., "Passive negative feedback in mode-locked solid-state lasers", <u>Optics Letters</u> , Vol. 18, No. 8, April 15, 1993, pgs. 637-639.
14.	Fermann, et al., "Environmentally stable Kerr-type mode-locked erbium fiber laser producing 360-fs pulses", <u>Optics Letters</u> , Vol. 19, No. 1, January 1, 1994, pgs. 43-45.
15.	Hudgings, et al., "Frequency tuning of self-pulsations in a VCSEL with a voltage-controlled saturable absorber", <u>OFC '98 Technical Digest</u> , pgs. 10-11.
16.	Barnett, et al., "High-power erbium-doped fiber laser mode locked by a semiconductor saturable absorber", <u>Optics Letters</u> , Vol. 20, No. 5, March 1, 1995, pgs. 471-473.
17.	Tsuda, et al., "Low-loss intracavity AlAs/AlGaAs saturable Bragg reflector for femtosecond mode locking in solid-state lasers", <u>Optics Letters</u> , Vol. 20, No. 12, June 15, 1995, pgs. 1406-1408.
18.	Ober, et al., "Widely tunable femtosecond neodymium fiber laser", <u>Optics Letters</u> , Vol. 20, No. 22, November 15, 1995, pgs. 2303-2305.
19.	Kajava, et al., "Q Switching of a diode-pumped Nd:YAG laser with GaAs", <u>Optics Letters</u> , Vol. 21, No. 16, August 15, 1996, pgs. 1244-1246.
20.	Keller, et al., "Semiconductor Saturable Absorber Mirrors (SESAM's) for Femtosecond to Nanosecond Pulse Generation in Solid-State Lasers", <u>IEEE Journal of Selected Topics in Quantum Electronics</u> , Vol. 2, No. 3, September 1996, pgs. 435-453.
21.	Obeidat, et al., "Effects of two-photon absorption in saturable Bragg reflectors in femtosecond solid-state lasers", <u>CLEO '97/Tuesday Afternoon</u> , pgs. 130-131.
22.	Wood, "Laser Damage in Optical Materials".

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[JBB-4642:jc2:080598]

EXAMINER Jeffrey ZALW	DATE CONSIDERED 5/17/01
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